

FIG. 1

FIG. 2A

TIME	ch 100	ch 101	ch 102 XX CHANNEL	ch 103 XX CHANNEL
6:00 7:00	WEATHER OF TODAY XXXXXXXXXXX XXXXXXXXXX	XX CHANNEL XXXXX XXXXXXXXXXX XXXXXXXXXXX	XXXXX XXXXXXXXXXX XXXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXXX
8:00	XXXXX	XXXXX	XXXXX	XXXXX
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
	XXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXXX
9:00	XXXXX	XXXXX	XXXXX	XXXXX
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
10:00	XXXXX	XXXXX	XXXXX	XXXXX
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX

FIG. 2B

6:	00 7:	00 8:	00 9:	00 10	:00
CH 201 XX CHANNEL	WEATHER OF TODAY XXXXXXXXXXX XXXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXX	
CH 202 XX CHANNEL	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXX	
CH 300 XX CHANNEL	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXXX	
Ch 305 XX CHANNEL	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXX	XXXXX XXXXXXXXXX XXXXXXXXXX	

FIG. 3

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XX CHANNEL	139 CH 010 CH 011 CH 012 CH 013 CH 014 CH 015 CH 016 CH 01	VYYYY	CH 008 XX CHANNEL	XXXXXXXXX	XXXXXXX	XXXXXX		XXXXXX	XXXX	XXXXXX		XXXXX	YYYYY	XXXX	XXXXXX	XXXX		XXXXXXX	XXXXXX		*****	XXXXXX
CH 022 XX CHANNEL	O14 CH	אווויבר אאי טו	XX CHANNEL XX CHANNEL XX CHANNEL XX CHANNEL XX CHANNEL XX CHANNEL	XXXXXX	XXXXXX		XXXXXX	VVVVVVV		XXXXXX	XXXXXX		λλλλλ	XXXX	XXXXXX	XXXX	XXXXX	λλλλλλ	XXXX	XXXXXX	٧٧٧٧	XXXXXX
CH 021 XX CHANNEL	013 CH	MININEE AN OI	XX CHANNEL	XXXX XXXXXX	XXXXXX	YYYYY	XXXXXX	XXXXXX	XXXX	XXXXXX	VVVV	XXXXX		2000	XXXXXXX			XXXXXX	XXXXXX	XXXXXX	۷۷۷۷	XXXXXX
CH 020 XX CHANNEL	012 CH	MININEL AVA OI	XX CHANNEL	XXXXXX	γγγγγ	XXXXXXXX	XXXXXX	XXXXX	XXXX	XXXXXX	VVVV	XXXXXX	XXXXXX	XXXX	^^^^	XXXXXX	779777	XXXXX		XXXXXXX	XXXXXX	
CH 019 XX CHANNEL	O11 CH	MINITE W OI	XX CHANNEL	XXXXX	XXXXXX	уууу	XXXXXX	XXXXXX	XXXX	XXXXXX	γγγγ		XXXXXX	XXXXXX		XXXXXX	XXXXXX	ji 1	XXXXXX	VVVVVV	*****	XXXXXX
CH 018 XX CHANNEL	O10 WINEE VY CH	MINITE W OI	CH 003 XX CHANNEL	XXXXXXX		XXXXXXX	XXXXXX		^^^^	XXXXXX		XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXX	XXXXXX	XXXX	^^^^	XXXX
CH 017 XX CHANNEL	000 ANNIEI VY CH	AININEL AN OI	CH 002 XX CHANNEL	XXXXXXX	XXXXXXX	XXXXXX	XXXXXXX	VVVVV	^^^^	XXXXXX		XXXXXX	λλλλλλ	XXXX	XXXXXX	XXXX	XXXXXX	^^^^^	XXXX	XXXXXX	ΥΥΥΥ	XXXXX
00:00	동 *	00:0	CH 001 XX CHANNEL	MIDNIGHT	CINEMA		XXXXXX	XXXXXXXX	***************************************	XXXXXX		XXXXXX	^^^^^	XXXX	XXXXXX	XXXX	XXXXXX	77777	XXXX	XXXXXX	XXXX	XXXXX
	-	 > —	00.0		3	2:00		3	4.00	3	. O	3	0: 9:		3	8:00	3	0: 6:	0	00:0L	11.00	00 .
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CH 024 XX CHANNEL	XXXXXX	XXXXXX	XXXXXXXX	XXXXXX	хххххх	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXX	λλλλλ	XXXXXX		XXXXXX	XXXX		λλλλλλ	XXXXXX	
CH 008 XX CHANNEL	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					XXXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXX		^^^^^	XXXXXX			^^^^	XXXXXX
XX CHANNEL XX CHANNEL	ΛΛΛΑΛΑ	XXXXXX		XXXXXX			XXXXXX		XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXX
XX CHANNEL XX CHANNEL	XXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX		^^^^	XXXXXX			^^^^	XXXXXX		XXXXXX	XXXX	XXXXXX
CH 005 XX CHANNEL	XXXXX	XXXXX	XXXXXXXX	XXXXXX	XXXXXX	XXXXX XXXXXX XXXXXX		XXXXXX	XXXXXX	XXXXXXX				XXXXXX			******		
CH 004 XX CHANNEL	XXXXX	XXXXXX	XXXX	XXXXX	XXXXXX	XXXXXX XXXXX XXXXX		ΑΛΑΛΑΛΑ	XXXXXX			2222	XXXXXX		^^^^	XXXXXX		^^^^	XXXXXX
CH 003	XXXXXXX			XXXXXXX		XXXXXXX		XXXXXX	NAMANA .	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	^^^^	XXXX
CH 002 XX CHANNEL	XXXXXXX	XXXXXXX	XXXXX	XXXXXXX	MANAMA		XXXXXX	XXXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXX
CH 001 XX CHANNEL	Ė	CINEMA		XXXXXXX	XXXXXXXXX	-	XXXXXX	XXXXX	XXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX
00.00		 8 8	0.00	3 6	 	5	3 5	S .	9.0	7.00	3.	0	o	0	9. 8.	0	10:00	9	90.
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CH 018	XXXXXX	XXX	XXXXX	XXXXX	XXXXXX	XXXXXX	XXXXXX	×	XXXXX	XXX		X X X X	XXXXX	VVVVV	XXXX	XXXXX	XXXXXX	XX	XXXXX	XXXX	XXXXX	ххххх
CH 017	XXXXXX	XXXXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXX	XX	XXXXX	XXXX	***************************************	X X X X X	XXXXXX	VVVVVV	XXXXX	XXXXX	XXXXXX	XXXX	XXXXX	XXXX	XXXXX	XXXXX
CH 015 CH 016	XXXXXX	XXXX	XXXXX	XXXXX	XXXXXX	XXXXXX	200000	YXXXX	XXXXX	XXXXX	VVVV	XXXXX	YYYY	XXXXX	XXXX	XXXXX	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ХХХХХ	XXXXX	XXXXXX	XXXXX	XXXXX
CH 015	XXXXXX	XXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXXX	XX	XXXXX	YYYYY	VVVVV	XXXXX	XXXXX	XXXXXX	XXX	XXXXXX	WWW	XXXXX	γγγγ	XXXXX	WWW	XXXXX
CH 014	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXX	XX	XXXXX	XXXX	,,,,,,,,,,,,	XXX XXX	XXXXXX	VVVVV	XXXXX	XXXXX	XXXXXX	XXX	XXXXX	XXXX	XXXXX	XXXXX
CH 013	XXXXXX	XXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXXX	××	XXXXX	XXXX		X X X X	λλλλλλ	VVVVV	XXXXX	XXXXX	XXXXXX	XX	XXXXX	XXXX	XXXXX	XXXXX
CH 012	XXXXXX	XXXXXX	XXXXX	XXXXX	XXXXXX	XXXX	XXXXXX	XX	XXXXX	XXXX		XXXX	λλλλλλ	VVVVVV	XXXXX	XXXXX	XXXXXX	XXX	XXXXX	XXXX	XXXXX	XXXXX
CH 011	XXXXXX	XXXX	XXXXX	XXXXX	XXXXXX	XXXXXX	700000	XXXXX	XXXXX	XXXXXX	×××	XXXXXX	YYYY	XXXXXX	XXXX	XXXXXX		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
CH 008 CH 009 CH 010 CH 011	XXXXX	XXX	XXXXXX	XXXXX	XXXXXX	XXXX	XXXXXX	××	XXXXX	XXXXXX	VVVVV	XXXXXX	XXXXX	۸۸۸۸۸	XXXX	XXXXXX	VVVV	XXXXXX	γγγγ	XXXXX	WWW	XXXXX
CH 009	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXX	XX	XXXXX	XXXX		XXXX	XXXXXX	VVVVV	XXXXX	XXXXX	XXXXXX	XXX	XXXXX	XXXX	XXXXXX	XXXXX
SH 008	XXXXX	XXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XX	XXXXX	XXXX		XXXX	XXXXXX	VVVVV	XXXXX	XXXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXXX
CH 007	XXXXXX	XXXXXX	XXXXX	XXXXX	XXXXXX	XXXX	XXXXXX	XXX	XXXXX	XXX		XXXX	λλλλλλ	VVVVV	XXXXX	XXXXX	XXXXXX	XXX	XXXXX	XXXX	XXXXXX	XXXXXX
СН 005 СН 006 СН 007	XXXXX	XXXX	XXXXX	XXXXX	XXXXX	XXXXX		XXXXX	XXXX	XXXXX	VVVV	XXXXXX	YYYY	XXXXX	XXX	XXXXX		XXXXX	XXXXX	XXXXXX	XXXXXX	XXXXX
500 년	XXXXX	XXX	XXXXXX	XXXXX	XXXXX	XXXX	XXXXX	××	XXXXX	*****	~ ~ ~ ~	XXXXX	XXXXXX	^^^^	XXXX	XXXXX	VVVV	XXXXX	XXXX	XXXXX	***	XXXXX
CH 004	XXXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXX	××	XXXXXX	XXX		X X X X	۸۸۸۸۸	VVVVV	XXXXX	XXXXX	۸۸۸۸۸	XXX	XXXXX	XXX	XXXXX	XXXXXX
8 공 공	XXXXX	XXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXXX	××	XXXXXX	XX		X X X	۸۸۸۸۸	VVVVV	XXXXX	XXXXX	۸۸۸۸۸	¥××	XXXXXX	××	XXXXX	XXXXXX
CH 001 CH 002 CH 003 CH	I ^	XXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXXX	XXXXX	XXXXXX	XX	^^^^	YYYYYY	X X X		XXXXX	XXXXX	XXX	λλλλλλ	XX	XXXXX	XXXXXX	XXXXX
유 8	MIDNIGHT	CINEMA	XXXXXX	XXXXXX		XXXXXX		XXXXX	WWWW	XXXXX	XX	222	XXX		XXXXX	XXXXX	XXX	XXXXX	XXXXX	XXXXX	XX	XXXXX
00.0			3:00	5:00	00:9	00:7	30: 80: 80:	0:6	9: 9:	11:00	12:00	00	2:00		3 5	2:08	00:9 9	7:00	8:00	00:6	10:00	11:00
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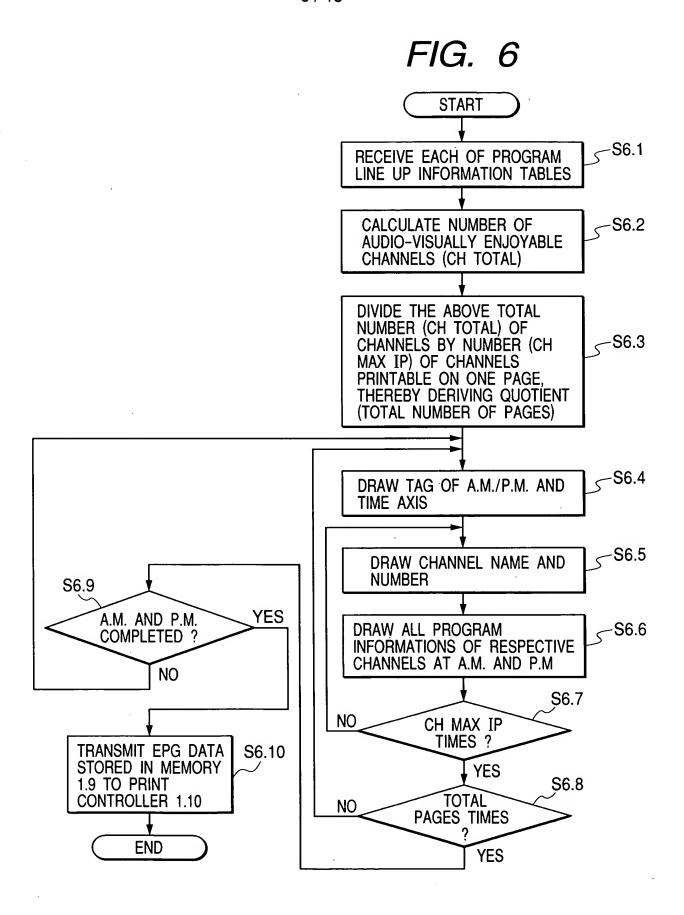


FIG. 7

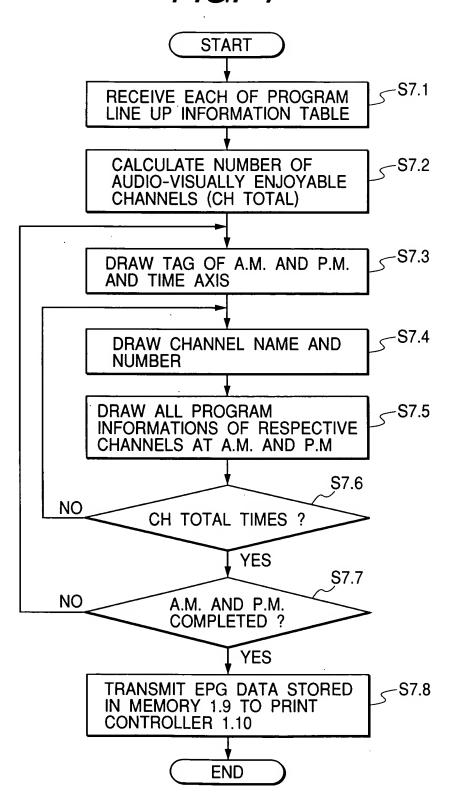
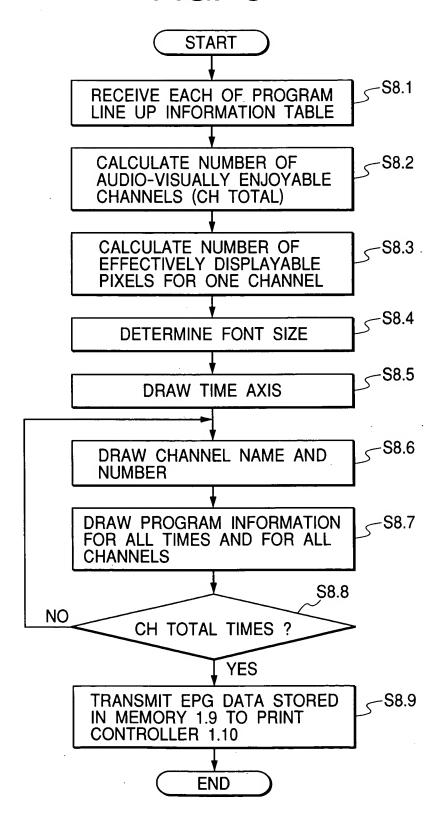


FIG. 8



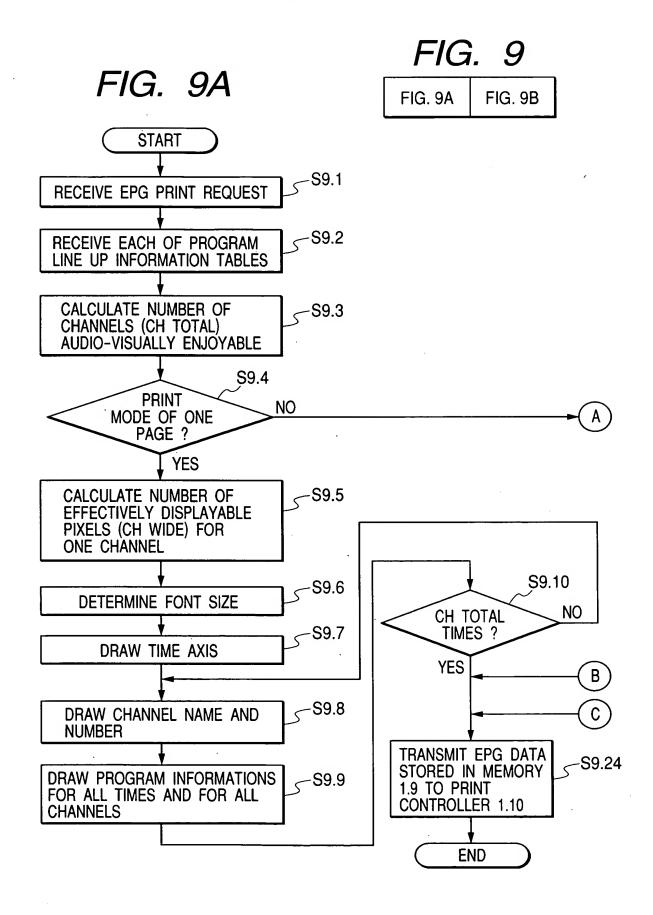
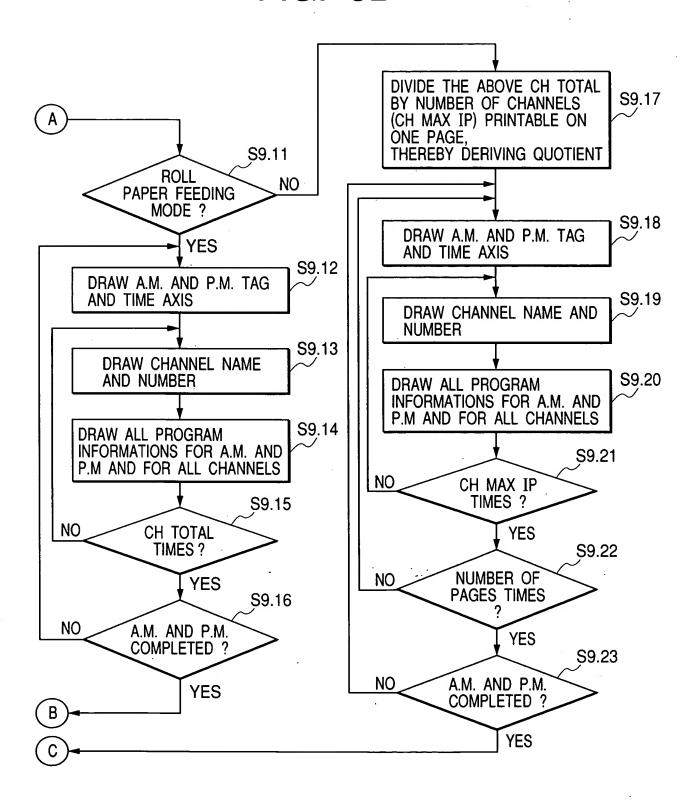


FIG. 9B



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FIG. 10A

TABLE NAMES	BRIEF EXPLANATION OF FUNCTIONS
PAT (PROGRAM ASSOCIATION TABLE)	TRANSMIT PMT RELATING TO PROGRAM BROADCASTED, DESIGNATE TS PACKET IDENTIFIER
CAT (CONDITIONAL ACCESS TABLE)	TRANSMIT INDIVISUAL INFORMATION AMONG CHARGED BROADCASTING RELATED INFORMATION, AND DESIGNATE TS PACKET IDENTIFIER
PMT (PROGRAM MAP TABLE)	TRANSMIT EACH OF CODED SIGNALS CONSTITUTING BROADCASTED PROGRAM, DESIGNATE PACKET IDENTIFIER OF TS PACKET AND PACKET IDENTIFIER OF TS PACKET TRANSMITTING COMMON INFORMATION AMONG CHARGED BROADCASTING RELATED INFORMATIONS
NIT (NETWORK INFORMATION TABLE)	TRANSMIT INFORMATION OF TRANSMITTING PATH SUCH AS MODULATION FREQUENCY, AND INFORMATION MAKING RELATION OF BROADCASTED PROGRAM
SDT (SERVICE DESCRIPTION TABLE)	TRANSMIT INFORMATION RELATING ARRANGED CHANNELS SUCH AS ARRANGED CHANNEL NAME AND WORKER NAME
BAT (BOUQUET ASSOCIATION TABLE)	DESIGNATE INFORMATION RELATING TO BOUQUET (SET OF ARRANGED CHANNELS) SUCH AS BOUQUET NAME AND ARRANGED CHANNELS INCLUDED THEREIN

TO FIG. 10B

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FROM FIG. 10A

EIT (EVENT INFORMATION TABLE)	DESIGNATE INFORMATION RELATING TO PROGRAM SUCH AS PROGRAM NAME, BROADCASTING DATE, AND EXPLANATION OF CONTENTS
RST (RUNNING STATUS TABLE)	DESIGNATE CURRENT STATE OF PROGRESSING PROGRAM
TDT (TIME DATE TABLE)	DESIGNATE PRESENT TIME AND TODAY'S DATE
TOT (TIME OFFSET TABLE)	DESIGNATE TODAY'S DATE AND PRESENT TIME, AND DESIGNATE DIFFERENCE BETWEEN REAL TIME AND DISPLAYED TIME FOR HUMAN MONITORING
LIT (LOCAL EVENT INFORMATION TABLE)	DESIGNATE INFORMATIONS RELATING TO LOCAL EVENT, SUCH AS DISCRIMINATION (TIME) OF LOCAL EVENT (SCENE) IN PROGRAM, NAME, AND EXPLANATION
ERT (EVENT RELATION TABLE)	DISPLAY RELATION BETWEEN PROGRAM AND LOCAL EVENT, SUCH AS GROUP AND CATEGORY OF PROGRAM AND LOCAL EVENT
ITT (INDEX TRANSMISSION TABLE)	DESCRIPTION OF INFORMATION RELATING TO PROGRAM INDEX AT BROADCASTING THE PROGRAM
PCAT (PARTIAL CONTENT ANNOUNCEMENT TABLE)	ANNOUNCE CONTENTS DIFFERENTIAL BROADCASTING AT DATA BROADCASTING
ST (STUFFING TABLE)	DISABLE TABLE
TABLE SET BY WORKERS	REGISTRATION AND PARK

FIG. 11

TABLE	PID
PAT (PROGRAM ASSOCIATION TABLE)	0x0000
PMT (PROGRAM MAP TABLE)	DESIGNATE INDIRECTLY BY PAT
CAT (CONDITIONAL ACCESS TABLE)	0x0001
NIT (NETWORK INFORMATION TABLE)	0x0010
SDT (SERVICE DESCRIPTION TABLE)	0x0011
BAT (BOUQUET ASSOCIATION TABLE)	0x0011
EIT (EVENT INFORMATION TABLE)	0x0012
RST (RUNNING STATUS TABLE)	0x0013
TDT (TIME DATE TABLE)	0x0014
TOT (TIME OFFSET TABLE)	0x0014
LIT (LOCAL EVENT INFORMATION TABLE)	DESIGNATE BY 0x0020 OR PMT
ERT (EVENT RELATION TABLE)	DESIGNATE BY 0x0021 OR PMT
ITT (INDEX TRANSMISSION TABLE)	DESIGNATE INDIRECTLY BY PMT
PCAT (PARTIAL CONTENT ANNOUNCEMENT TABLE)	0x0022
ST (STUFFING TABLE)	EXCEPT FOR 0x0000, 0x0001, 0x0014
NULL PACKET	. 0x1fff